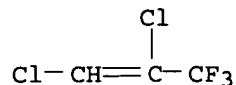


L Number	Hits	Search Text	DB	Time stamp
1	2	((("6316682") or ("3436430")).PN.	USPAT; JPO	2002/06/28 11:20
2	3	"02221389"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/06/28 11:20
3	3	"02221962"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/06/28 11:20
4	3	"02222496"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/06/28 11:20
5	3	"02222702"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/06/28 11:20
7	6	((("6316682") or ("3436430")).PN.) or "02221389" or "02221962" or "02222496" or "02222702") and dichloro	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/06/28 11:21
6	14	((("6316682") or ("3436430")).PN.) or "02221389" or "02221962" or "02222496" or "02222702"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/06/28 11:22

Search
Report

L3 ANSWER 7 OF 7 REGISTRY COPYRIGHT 2002 ACS
RN 431-27-6 REGISTRY
CN 1-Propene, 1,2-dichloro-3,3,3-trifluoro- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Propene, 1,2-dichloro-3,3,3-trifluoro- (6CI, 7CI, 8CI)
OTHER NAMES:
CN 1,2-Dichloro-3,3,3-trifluoro-1-propene
CN 1,2-Dichloro-3,3,3-trifluoropropene
MF C3 H Cl2 F3
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CHEMCATS, HODOC*, IFICDB,
IFIPAT, IFIUDB, SPECINFO, USPATFULL
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

9 REFERENCES IN FILE CA (1967 TO DATE)
9 REFERENCES IN FILE CAPLUS (1967 TO DATE)
9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L7 ANSWER 1 OF 1 USPATFULL
AN 2001:202853 USPATFULL
TI Process for preparing 1,1,1,3,3-pentafluoropropane
IN Nakada, Tatsuo, Settsu, Japan
Shibanuma, Takashi, Settsu, Japan
Akinori, Yamamoto, Settsu, Japan
PA Daikin Industries, Ltd., Osaka, Japan (non-U.S. corporation)
PI US 6316682 B1 20011113
WO 9745388 19971204
AI US 1998-194609 19981130 (9)
WO 1997-JP956 19970321
19981130 PCT 371 date
19981130 PCT 102(e) date
PRAI JP 1996-160776 19960531
DT Utility
FS GRANTED
LN.CNT 444
INCL INCLM: 570/170.000
NCL NCLM: 570/170.000
IC [7]
ICM: C07C017-20
EXF 570/170
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

(FILE 'HOME' ENTERED AT 11:14:32 ON 28 JUN 2002)

FILE 'REGISTRY' ENTERED AT 11:14:40 ON 28 JUN 2002

L1	0 S 1,2-DICHLORO-3,3,3,TRIFLUOROPROPENE
L2	0 S 1,2-DICHLORO-3,3,3,TRIFLUOROPROPENE/CN
L3	7 S DICHLORO AND TRIFLUOROPROPENE
L4	1 S 431-27-6/RN
L5	1 S HYDROGEN FLUORIDE/CN

FILE 'USPATFULL' ENTERED AT 11:16:31 ON 28 JUN 2002

L6	0 S L4 AND L5
L7	1 S L4

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS
AN 1969:402956 CAPLUS
DN 71:2956
TI Noncatalytic process for chlorofluoroaliphatic hydrocarbons
IN Hall, Larry Eugene
PA du Pont de Nemours, E. I., and Co.
SO U.S., 5 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 3436430	A	19690401	US 1967-608503	19670111

L9 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2002 ACS
 AN 2001:483279 CAPLUS
 DN 135:272671
 TI Boiling points of halogenated organic compounds
 AU Horvath, A. L.
 CS The Heath, ICI Chemicals and Polymers Limited, Cheshire, Runcorn, UK
 SO Chemosphere (2001), 44(4), 897-905
 CODEN: CSMHAF; ISSN: 0045-6535
 PB Elsevier Science Ltd.
 DT Journal
 LA English
 RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2002 ACS
 AN 1997:805703 CAPLUS
 DN 128:34512
 TI Process for preparing 1,1,1,3,3-pentafluoropropane by fluorination
 IN Nakada, Tatsuo; Shibamura, Takashi; Yamamoto, Akinori
 PA Daikin Industries Ltd., Japan; Nakada, Tatsuo; Shibamura, Takashi;
 Yamamoto, Akinori
 SO PCT Int. Appl., 21 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9745388	A1	19971204	WO 1997-JP956	19970321
	W: CN, KR, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	JP 09323946	A2	19971216	JP 1996-160776	19960531
	EP 919528	A1	19990602	EP 1997-907431	19970321
	R: BE, DE, ES, FR, GB, IT, NL				
	KR 2000016199	A	20000325	KR 1998-709767	19981130
	US 6316682	B1	20011113	US 1998-194609	19981130
PRAI	JP 1996-160776	A	19960531		
	WO 1997-JP956	W	19970321		
OS	MARPAT 128:34512				

L9 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2002 ACS
 AN 1991:473989 CAPLUS
 DN 115:73989
 TI Chlorofluoropropenes as cleaning solvents for buffing
 IN Samejima, Shunichi; Kitamura, Tateo; Watanabe, Naohiro; Asano, Akio
 PA Asahi Glass Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02221389	A2	19900904	JP 1989-41856	19890223

L9 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2002 ACS
 AN 1991:237749 CAPLUS
 DN 114:237749
 TI Resist developing agents
 IN Samejima, Shunichi; Kitamura, Tateo; Watanabe, Naohiro; Asano, Akio
 PA Asahi Glass Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF
 DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02221962	A2	19900904	JP 1989-41853	19890223

L9 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2002 ACS

AN 1991:104827 CAPLUS

DN 114:104827

TI Unsaturated chlorofluorocarbon-containing dry-cleaning solvents

IN Samejima, Shunichi; Kitamura, Tateo; Watanabe, Naohiro; Asano, Akio

PA Asahi Glass Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02222496	A2	19900905	JP 1989-41852	19890223

L9 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2002 ACS

AN 1991:104785 CAPLUS

DN 114:104785

TI Chlorofluoropropene-containing cleaning solvents for moisture removal

IN Samejima, Shunichi; Kitamura, Tateo; Watanabe, Naohiro; Asano, Akio

PA Asahi Glass Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02222702	A2	19900905	JP 1989-41857	19890223

L9 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2002 ACS

AN 1991:104514 CAPLUS

DN 114:104514

TI Resist removers comprising chlorofluoropropenes

IN Samejima, Shunichi; Kitamura, Tateo; Watanabe, Naohiro; Asano, Akio

PA Asahi Glass Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02222469	A2	19900905	JP 1989-41855	19890223

L9 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2002 ACS

AN 1991:84386 CAPLUS

DN 114:84386

TI Chlorofluoropropene-containing degreasing solvents

IN Samejima, Shunichi; Kitamura, Tateo; Watanabe, Naohiro; Asano, Akio

PA Asahi Glass Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI JP 02221388 A2 19900904 JP 1989-41851 19890223

L9 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2002 ACS

AN 1969:402956 CAPLUS

DN 71:2956

TI Noncatalytic process for chlorofluoroaliphatic hydrocarbons

IN Hall, Larry Eugene

PA du Pont de Nemours, E. I., and Co.

SO U.S., 5 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 3436430	A	19690401	US 1967-608503	19670111